




APPENDIX A Revision A		TRAILER MOUNTED SUPPORT SYSTEM PRODUCT DATA SHEET	
Company		DHS Systems LLC	
Part Number or NSN		T2-80155G	DRASH HP-2C/185, OD Green, Analog
Specifications as applicable			
Safety and Mobility Certification by Military Test Center			
Trailer			
Stowage Components included with trailer	NA		
Cargo Volume Stowage, For shelter and accessory components In cubic feet	77 cu. ft.		
Physical Dimensions for trailer	6.5 ft H		
Height	7.2 ft W		
Width	16.2 ft L		
Length			
Recommended Prime Mover Vehicle	HMMWV	Requires a vehicle capable of towing a 4,200 lb. trailer.	
Empty GWW	3,340 lb.		
Tongue Weight	243 lb.		
Tire Type and Size	Radial	Two 37 x 12.50 x 16.5 LT Goodyear Wrangler R/T II, Load Rating C bias-ply, run-flat tires.	
Fuel Tank Capacity	16 gal.		
Generator			
Nominal Output in kW, Volts AC, Hertz, Phase	18kW	120/208VAC, 60 Hz, 3-Phase.	
Operating Environment	All	Operating Range from -50 °F to +140 °F.	
Engine type	Diesel	Four cylinder, liquid cooled, direct injection, 1800 RPM.	
Fuel Type	Diesel	Can also use JP8 or JP5.	

Fuel Consumption (AC Compressor On) At 25% load At 50% Load At 75% Load at maximum output	NA NA NA 1.25	
Noise in DB at 25 feet (AC Compressor On) At 25% load At 50% load At 75% Load At maximum rated load	NA NA NA 76 dB	
Heater		
Nominal Output in BTU's	NA	
Electric Requirement Volts/Amps	NA	
Air Conditioning		
Maximum Cooling Capacity in BTU's		60,000 BTU/hr
Maximum Heat Output Capacity in BTU's		2 stage heat 60,000 BTU/hr electric heat. 17,000 BTU/hr fuel fired 
Refrigerant Type	R407-C	
CFM Air Flow	2,400 CFM	
Air Duct Diameter	2 Ducts	One 16 in Supply One 16 in Return
Power Requirements in kW, VAC, HZ, Phase	18kW	208 VAC, 60 Hz, 3-phase.
Special/Additional Features:	<p>The HP-2C/185 trailer consists of one 18kW, 120/208 Volt, 3-Phase, 60 Hz, turbo diesel engine Genset and one 5T, 60,000 BTU/hour ECU mounted on a trailer chassis. The ECU typically provides heating and cooling to a shelter. The Genset is designed primarily to power the ECU and secondarily to power accessory electric devices. The HP-2C/185 Trailer includes a 16 gallon fuel tank and has a rear cargo bay of 77 cubic feet. A vehicle capable of pulling 4,200 lbs. can tow the trailer. The HP-2C/185 is transportable by vehicle, air, rail, or sea and can be loaded by crane and transported by helicopter or aircraft.</p> <p>INCLUDES: Auxiliary Fuel Kit, (P/N T295180), Qty. = 1 Drip Berm, (P/N T295188), Qty. = 1 Trailer Electrical Set, (P/N T2-95226), Qty. = 1 Trailer Push Package, (P/N TR201S), Qty. = 1 Duct Assy, Supply (P/N T291527), Qty. = 1 Duct Assy, Return (P/N T291528), Qty. = 1 Power Cable 60A, 25ft (P/N T295004), Qty. = 1</p>	